

Industry Synopsis

Industry: 38100 INSTRUMENTATION - MFG

Assessable Earnings and Premiums - for Years: 2019 to 2024

| Rate Year | Number of Employers with Assessable Earnings | Newly Opened Account | Total Assessable Earnings | Estimated Total Workers* | Net Premium** | Industry Rate |
|-----------|--|----------------------|---------------------------|--------------------------|---------------|---------------|
| 2019 | 165 | 6 | \$200,496,232 | 3,600 | \$525,893 | \$0.30 |
| 2020 | 160 | 4 | \$176,623,583 | 3,165 | \$519,616 | \$0.34 |
| 2021 | 161 | 7 | \$184,119,452 | 3,359 | \$622,452 | \$0.40 |
| 2022 | 157 | 7 | \$195,962,106 | 4,190 | \$784,110 | \$0.48 |
| 2023 | 153 | 8 | \$216,063,202 | 4,937 | \$1,014,606 | \$0.57 |
| 2024 YTD | 144 | 0 | \$224,796,668 | 4,478 | \$1,354,039 | \$0.67 |

* Estimated number of full time equivalent workers based on average industry wage

** Net premium is premium paid by employers after pricing adjustments for experience rating plus Poor Performance Surcharge and PIR, where applicable

Distribution of Accounts By Assessable Earnings (\$Thousands)

| Rate Year | <= \$500,000 | | > \$500,000 and <= \$1 Million | | > \$1 Million and <= \$5 Million | | > \$5 Million and <= \$20 Million | | > \$20 Million | |
|-----------|--------------|----------------|--------------------------------|----------------|----------------------------------|----------------|-----------------------------------|----------------|----------------|----------------|
| | Accts | Total Ase Earn | Accts | Total Ase Earn | Accts | Total Ase Earn | Accts | Total Ase Earn | Accts | Total Ase Earn |
| 2019 | 91 | \$14,427 | 19 | \$12,853 | 49 | \$111,210 | 5 | \$34,704 | N/A | N/A |
| 2020 | 89 | \$14,442 | 23 | \$15,183 | 46 | \$109,927 | N/A | N/A | N/A | N/A |
| 2021 | 90 | \$13,868 | 23 | \$15,712 | 42 | \$94,124 | 5 | \$35,445 | N/A | N/A |
| 2022 | 88 | \$14,731 | 21 | \$15,079 | 41 | \$94,106 | 6 | \$43,625 | N/A | N/A |
| 2023 | 78 | \$12,452 | 25 | \$18,572 | 40 | \$88,217 | 9 | \$65,488 | N/A | N/A |
| 2024 YTD | 69 | \$10,636 | 24 | \$17,789 | 42 | \$95,042 | 8 | \$61,329 | N/A | N/A |

Note: The current year assessable earnings are based on estimates.

N/A columns indicate there are not enough employers available to display the information

- Claims are recorded based on the year of occurrence. For each occurrence year, transactions on claim costs and TTDs are based on a 15 month period. For example, for claims occurring in 2023, the transaction period would be from January 1, 2023 to March 31, 2024

- YTD is January to current month of the current calendar year

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Claim Costs - for Years: 2019 to 2024

| Total Claims | | | | | | | | |
|---------------|------------------|-------------|----------------|-----------------|----------|-------------------------------------|--------------------|-------------------------|
| Accident Year | Number of Claims | Claim Costs | Number of LTCs | Total LTC Costs | TTD Days | Modified Work Ever Performed Claims | Medical Aid Claims | Disabling Injury Claims |
| 2019 | 39 | \$120,102 | 12 | \$101,308 | 195 | 17 | 27 | 23 |
| 2020 | 24 | \$163,867 | 6 | \$148,119 | 224 | 8 | 18 | 11 |
| 2021 | 26 | \$133,190 | 11 | \$121,307 | 407 | 9 | 15 | 15 |
| 2022 | 28 | \$43,525 | 5 | \$26,043 | 140 | 14 | 23 | 16 |
| 2023 | 14 | \$42,733 | 6 | \$37,289 | 127 | 7 | 8 | 10 |
| 2024 YTD | 5 | \$13,415 | 2 | \$11,718 | 20 | 3 | 3 | 4 |

| Duration Bands - Total LTCs | | | | | |
|-----------------------------|-----------|-------------------------|--------------------------|-----------|------------------------|
| Accident Year | <= 8 Days | > 8 Days and <= 30 Days | > 30 Days and <= 60 Days | > 60 Days | Total Lost Time Claims |
| 2019 | 10 | 0 | 1 | 1 | 12 |
| 2020 | 4 | 1 | 0 | 1 | 6 |
| 2021 | 6 | 3 | 0 | 2 | 11 |
| 2022 | 2 | 1 | 2 | 0 | 5 |
| 2023 | 3 | 1 | 2 | 0 | 6 |
| 2024 YTD | 1 | 1 | 0 | 0 | 2 |

| Total Claims Costs | | | | | |
|--------------------|--------------|-------------|----------------|---------------|-----------|
| Accident Year | Compensation | Medical Aid | Rehabilitation | Economic Loss | Total |
| 2019 | \$61,506 | \$48,814 | \$9,783 | \$0 | \$120,102 |
| 2020 | \$45,547 | \$84,749 | \$33,571 | \$0 | \$163,867 |
| 2021 | \$76,606 | \$55,008 | \$1,577 | \$0 | \$133,190 |
| 2022 | \$12,872 | \$30,653 | \$0 | \$0 | \$43,525 |
| 2023 | \$17,075 | \$25,658 | \$0 | \$0 | \$42,733 |
| 2024 YTD | \$8,808 | \$4,607 | \$0 | \$0 | \$13,415 |

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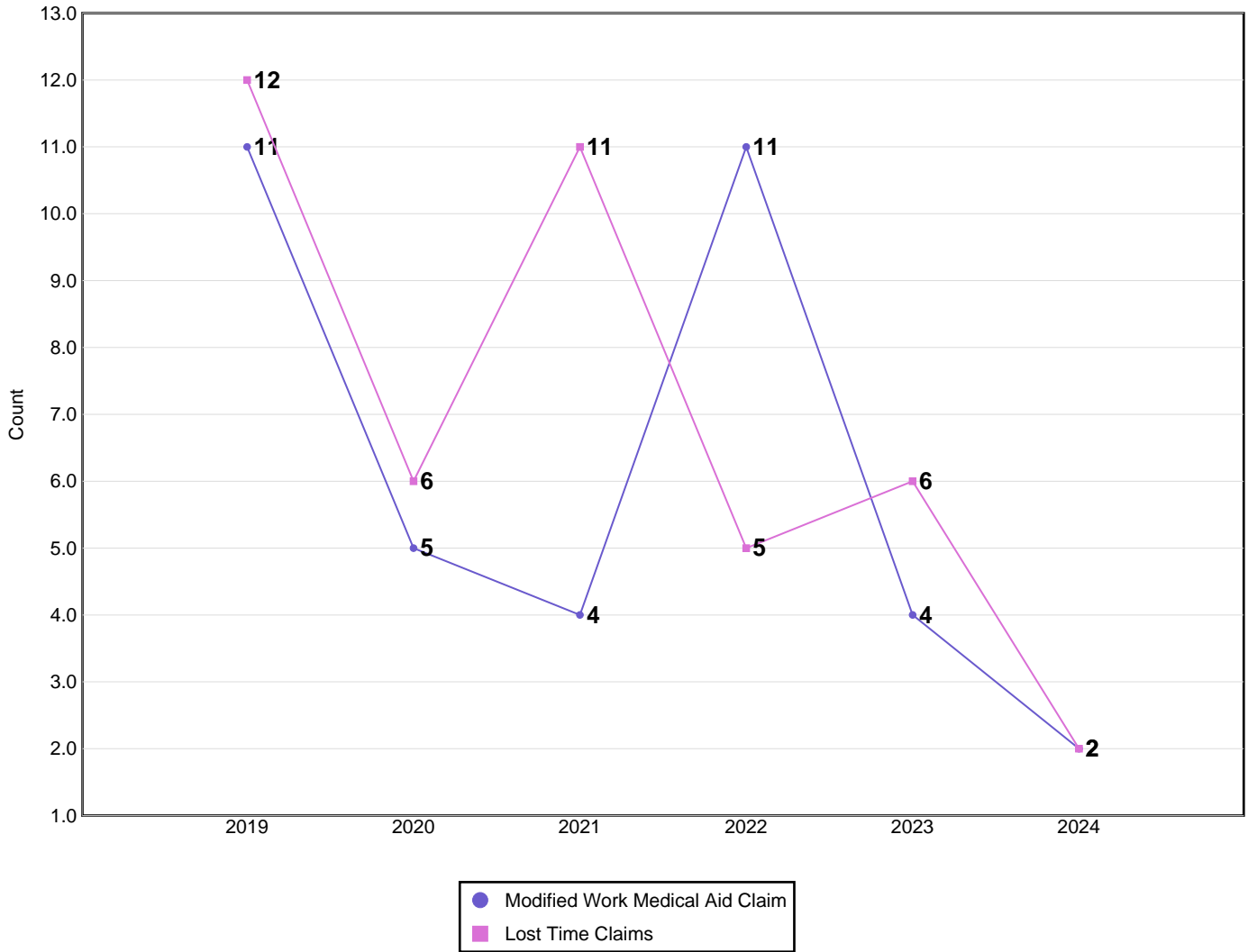


Workers'
Compensation
Board
Alberta

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Claim Costs - for Years: 2019 to 2024

Disabling Claims Components



Disabling Claims include Lost Time Claims or Medical Aid Claims with Modified Work

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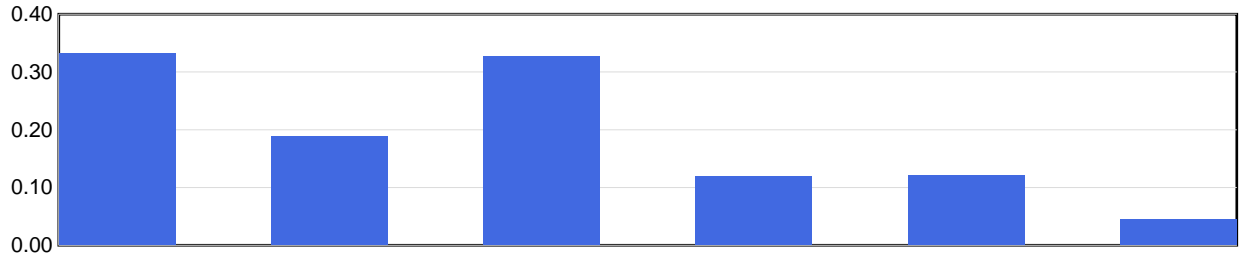
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Claim Costs - for Years: 2019 to 2024

Frequency Rates

(Lost Time Claims per 100 Workers)



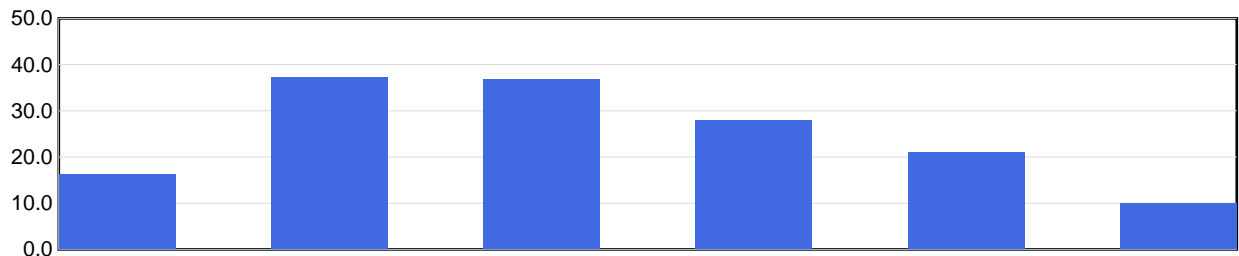
| Frequency Rate | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 YTD |
|----------------|------|------|------|------|------|----------|
| | 0.33 | 0.19 | 0.33 | 0.12 | 0.12 | 0.04 |

Frequency Rate = (Total Lost Time Claims * 100) / Person Years

Person Years = Total Assessable Earnings / (Avg Hourly Wage * 2000 Hours)

Severity Rates

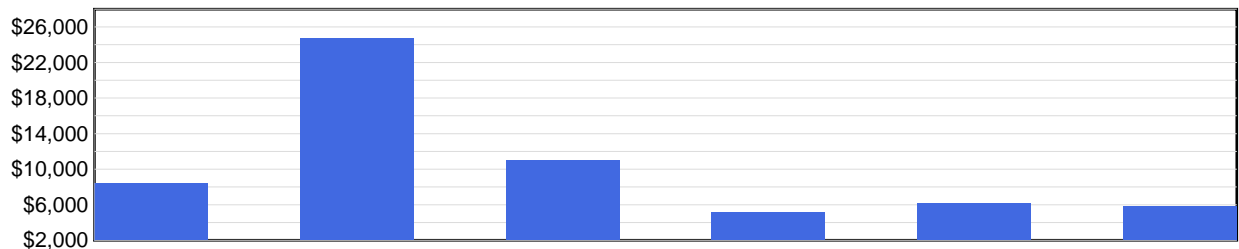
(Temporary Total Disability Days per Lost Time Claim)



| Severity Rate | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 YTD |
|---------------|------|------|------|------|------|----------|
| | 16.3 | 37.3 | 37.0 | 28.0 | 21.2 | 10.0 |

Severity Rate = Total TTDs / Total LTCs

Average Cost Per LTC



| Avg Cost / Claim | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 YTD |
|------------------|---------|----------|----------|---------|---------|----------|
| | \$8,442 | \$24,686 | \$11,028 | \$5,209 | \$6,215 | \$5,859 |

Average Cost Per LTC = Total LTC Costs / Total LTCs

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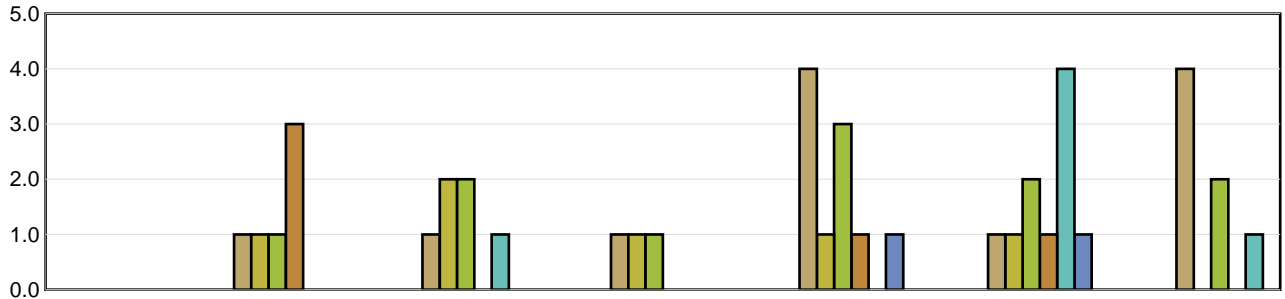
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Injured Worker's Age - for Years: 2019 to 2024

Number of LTCs

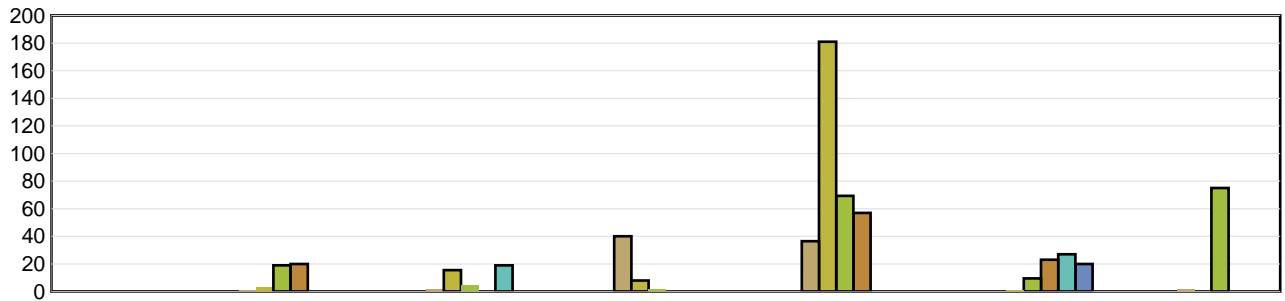
(by age of injured worker and by occurrence year)



| | Under 19 | 19 to 26 | 27 to 34 | 35 to 42 | 43 to 50 | 51 to 58 | Over 58 |
|----------|----------|----------|----------|----------|----------|----------|---------|
| 2019 | N/A | 1 | 1 | 1 | 4 | 1 | 4 |
| 2020 | N/A | 1 | 2 | 1 | 1 | 1 | N/A |
| 2021 | N/A | 1 | 2 | 1 | 3 | 2 | 2 |
| 2022 | N/A | 3 | N/A | N/A | 1 | 1 | N/A |
| 2023 | N/A | N/A | 1 | N/A | N/A | 4 | 1 |
| 2024 YTD | N/A | N/A | N/A | N/A | 1 | 1 | N/A |

Average Severity of a Claim

Temporary Total Disability Days per Lost Time Claim
(by age of injured worker and by occurrence year)



| | Under 19 | 19 to 26 | 27 to 34 | 35 to 42 | 43 to 50 | 51 to 58 | Over 58 |
|----------|----------|----------|----------|----------|----------|----------|---------|
| 2019 | N/A | 1.00 | 2.00 | 40.00 | 36.50 | 0.00 | 1.50 |
| 2020 | N/A | 3.00 | 15.50 | 8.00 | 181.00 | 1.00 | N/A |
| 2021 | N/A | 19.00 | 4.50 | 2.00 | 69.33 | 9.50 | 75.00 |
| 2022 | N/A | 20.00 | N/A | N/A | 57.00 | 23.00 | N/A |
| 2023 | N/A | N/A | 19.00 | N/A | N/A | 27.00 | 0.00 |
| 2024 YTD | N/A | N/A | N/A | N/A | 0.00 | 20.00 | N/A |

LTCs with no birthdate recorded are not included in band subtotals

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Top 5 Comparison - for Years: 2019 to 2024

| Type of Accident | | | | | | | |
|------------------------------------|------|------|------|------|------|----------|--------|
| Top 5 by Total LTCs | | | | | | | |
| Type of Accident | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 YTD | Totals |
| Overexertion | 1 | 2 | 2 | 2 | 1 | 1 | 9 |
| Struck by Object | 4 | 1 | 2 | 1 | 0 | 0 | 8 |
| Contact with Objects and Equipment | 0 | 0 | 4 | 1 | 0 | 0 | 5 |
| Falls | 2 | 0 | 1 | 0 | 0 | 1 | 4 |
| Bodily Reaction and Exertion | 3 | 1 | 0 | 0 | 0 | 0 | 4 |

| Type of Accident | Total LTCs (2019 to date) | Percentage of LTCs | Average Duration | Total TTD | Average LTC Costs | Total LTC Costs |
|------------------------------------|------------------------------|-----------------------|------------------|--------------|-------------------|------------------|
| Overexertion | 9 | 21.43% | 12.89 | 116 | \$3,212 | \$28,911 |
| Struck by Object | 8 | 19.05% | 11.75 | 94 | \$8,100 | \$64,803 |
| Contact with Objects and Equipment | 5 | 11.90% | 58.20 | 291 | \$14,712 | \$73,561 |
| Falls | 4 | 9.52% | 32.00 | 128 | \$11,709 | \$46,838 |
| Bodily Reaction and Exertion | 4 | 9.52% | 13.50 | 54 | \$6,534 | \$26,137 |
| All Others | 12 | 28.57% | 35.83 | 430 | \$17,128 | \$205,535 |
| Totals | 42 | 100.00% | 26.50 | 1,113 | \$10,614 | \$445,784 |

| Part of Body | | | | | | | |
|---------------------|------|------|------|------|------|----------|--------|
| Top 5 by Total LTCs | | | | | | | |
| Part of Body | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 YTD | Totals |
| Back | 2 | 3 | 1 | 0 | 2 | 0 | 8 |
| Trunk | 3 | 0 | 3 | 1 | 0 | 0 | 7 |
| Hand(s)/Wrist(s) | 1 | 1 | 0 | 1 | 2 | 1 | 6 |
| Eye(s) | 1 | 1 | 2 | 0 | 0 | 0 | 4 |
| Fingers | 1 | 0 | 3 | 0 | 0 | 0 | 4 |

| Part of Body | Total LTCs (2019 to date) | Percentage of LTCs | Average Duration | Total TTD | Average LTC Costs | Total LTC Costs |
|------------------|------------------------------|-----------------------|------------------|--------------|-------------------|------------------|
| Back | 8 | 19.05% | 19.13 | 153 | \$6,704 | \$53,629 |
| Trunk | 7 | 16.67% | 7.14 | 50 | \$5,682 | \$39,773 |
| Hand(s)/Wrist(s) | 6 | 14.29% | 42.00 | 252 | \$17,909 | \$107,455 |
| Eye(s) | 4 | 9.52% | 3.25 | 13 | \$1,026 | \$4,104 |
| Fingers | 4 | 9.52% | 6.25 | 25 | \$2,115 | \$8,459 |
| All Others | 13 | 30.95% | 47.69 | 620 | \$17,874 | \$232,363 |
| Totals | 42 | 100.00% | 26.50 | 1,113 | \$10,614 | \$445,784 |

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Top 5 Comparison - for Years: 2019 to 2024

| Nature of Injury | | | | | | | |
|-----------------------------------|------|------|------|------|------|----------|--------|
| Top 5 by Total LTCs | | | | | | | |
| Nature of Injury | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 YTD | Totals |
| Sprains/Strain | 4 | 3 | 3 | 4 | 3 | 2 | 19 |
| Open Wound | 2 | 1 | 2 | 0 | 0 | 0 | 5 |
| Oth Traumatic Injuries | 2 | 0 | 2 | 0 | 0 | 0 | 4 |
| Superficial Wounds | 2 | 0 | 2 | 0 | 0 | 0 | 4 |
| Fracture/Dislocation/Nerve Damage | 0 | 0 | 2 | 1 | 0 | 0 | 3 |

| Nature of Injury | Total LTCs (2019 to date) | Percentage of LTCs | Average Duration | Total TTD | Average LTC Costs | Total LTC Costs |
|-----------------------------------|------------------------------|-----------------------|------------------|--------------|-------------------|------------------|
| Sprains/Strain | 19 | 45.24% | 16.21 | 308 | \$6,294 | \$119,579 |
| Open Wound | 5 | 11.90% | 7.40 | 37 | \$10,423 | \$52,114 |
| Oth Traumatic Injuries | 4 | 9.52% | 9.75 | 39 | \$2,434 | \$9,736 |
| Superficial Wounds | 4 | 9.52% | 2.75 | 11 | \$754 | \$3,017 |
| Fracture/Dislocation/Nerve Damage | 3 | 7.14% | 129.00 | 387 | \$30,675 | \$92,024 |
| All Others | 7 | 16.67% | 47.29 | 331 | \$24,188 | \$169,315 |
| Totals | 42 | 100.00% | 26.50 | 1,113 | \$10,614 | \$445,784 |

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